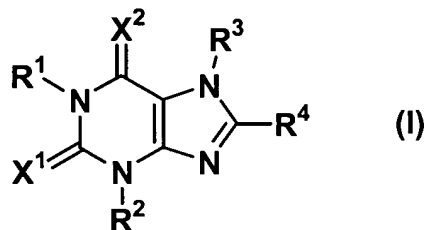


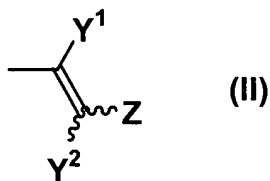
b.) Amendment to the Claims

1. (Original) An agent for treating migraine comprising, as an active ingredient, a xanthine derivative represented by formula (I):



[wherein R^1 , R^2 and R^3 are the same or different, and represent a hydrogen atom, lower alkyl, lower alkenyl or lower alkynyl;

R^4 represents cycloalkyl, $-(CH_2)_n-R^5$ (wherein R^5 represents substituted or unsubstituted aryl, or substituted or a unsubstituted heterocyclic group; and n represents an integer of 0 to 4) or a group represented by formula (II):



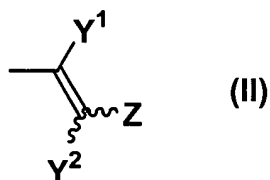
(wherein Y^1 and Y^2 are the same or different, and represent a hydrogen atom, halogen or lower alkyl; and Z represents substituted or unsubstituted aryl or a substituted or unsubstituted heterocyclic group);

X^1 and X^2 are the same or different, and represent an oxygen atom or a sulfur atom]

or a pharmaceutically acceptable salt thereof.

2. (Original) The agent for treating migraine according to claim 1, wherein X^1 and X^2 are both an oxygen atoms.

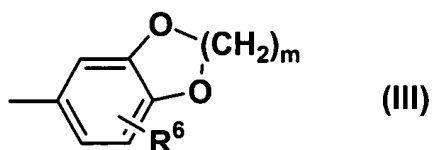
3. (Currently Amended) The agent for treating migraine according to claim 1 or 2, wherein R^4 is a group represented by formula (II):



~~(wherein Y^1 , Y^2 and Z each have the same meanings as defined above).~~

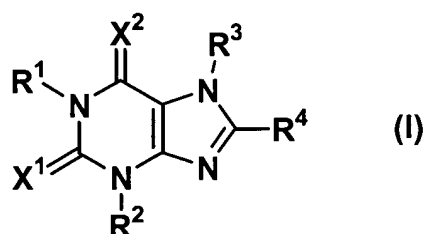
4. (Original) The agent for treating migraine according to claim 3, wherein Y^1 and Y^2 are both hydrogen atoms.

5. (Currently Amended) The agent for treating migraine according to ~~claim~~ 3 or 4 claim 3, wherein Z is substituted or unsubstituted aryl or a group represented by formula (III):



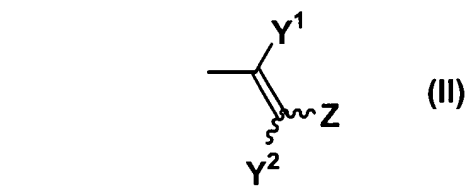
(wherein R^6 represents a hydrogen atom, hydroxy, lower alkyl, lower alkoxy, halogen, nitro or amino; and m represents an integer of 1 to 3).

6. (Currently Amended) A method for treating migraine which comprises administering an effective amount of a xanthine derivative represented by formula (I):



(wherein R^1, R^2, R^3, R^4, X^1 and X^2 each have the same meanings as defined above R^1, R^2 and R^3 are the same or different, and represent a hydrogen atom, lower alkyl, lower alkenyl or lower alkynyl;

R^4 represents cycloalkyl, $-(CH_2)_n-R^5$ (wherein R^5 represents substituted or unsubstituted aryl, or substituted or a unsubstituted heterocyclic group; and n represents an integer of 0 to 4) or a group represented by formula (II):



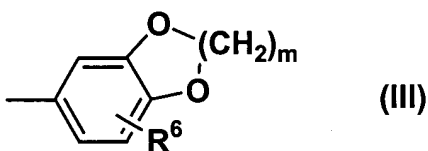
(wherein Y¹ and Y² are the same or different, and represent a hydrogen atom, halogen or lower alkyl; and Z represents substituted or unsubstituted aryl or a substituted or unsubstituted heterocyclic group);

X¹ and X² are the same or different, and represent an oxygen atom or a sulfur atom)

or a pharmaceutically acceptable salt thereof.

Claim 7 (Cancelled).

8. (New) The agent for treating migraine according to claim 4, wherein Z is substituted or unsubstituted aryl or a group represented by formula (III):



(wherein R⁶ represents a hydrogen atom, hydroxy, lower alkyl, lower alkoxy, halogen, nitro or amino; and m represents an integer of 1 to 3).